

IN THE CLAIMS

1. (Currently Amended) A glass strand coated with an aqueous sizing composition, said sizing composition characterized in that said composition comprises, as film-form adhesion agents, comprising:

film forming adhesion agents including:

50 to 80% of the total solids of at least one polyester,

10 to 40% of the total solids of at least one polyvinyl acetate, and

8 to 15% of the total solids of at least one polyurethane.

2. (Currently Amended) The glass strand as claimed in claim 1, wherein characterized ~~in that~~ the polyester has a molecular weight ~~varying from~~ 4 000 to 17 000 g/mol.

3. (Currently Amended) The glass strand as claimed in claim 1 or 2, wherein ~~characterized in that~~ the polyester is obtained by the reaction of a member selected from polycarboxylic acid(s), an anhydride of polycarboxylic acid and mixtures thereof and/or of anhydride(s) of these acids and of a polyol(s).

4. (Currently Amended) The glass strand as claimed in claim 3, wherein ~~characterized in that~~ the acid is chosen from saturated, unsaturated or aromatic diacids, ~~such as fumaric acid, isophthalic acid and terephthalic acid;~~ the anhydride is selected ~~chosen~~ from phthalic anhydride and maleic anhydride, and the polyol is selected ~~chosen~~ from polyalkylene glycols, ~~such as ethylene glycol and propylene glycol;~~ aromatic polyols, ~~such as bisphenol A or F;~~ and novolaks.

5. (Currently Amended) The glass strand as claimed in ~~one of claims~~ claim 1 to 4, wherein ~~characterized in that~~ the polyvinyl acetate has a molecular weight of less than 80 000 g/mol, ~~preferably of less than 70 000 g/mol.~~

6. (Currently Amended) The glass strand as claimed in ~~one of claims~~ claim 1 to 5, wherein ~~characterized in that~~ the polyurethane is obtained results from the reaction of at least

one polyisocyanate and of at least one polyol including one or more of comprising an aliphatic chain and a and/or-cycloaliphatic chain.

7. (Currently Amended) The glass strand as claimed in ~~one of claims claim 1 to 6,~~
wherein characterized in that the polyurethane has a molecular weight of less than 20 000 g/mol, preferably of between 4,000 and 15 000 g/mol.

8. (Currently Amended) The glass strand as claimed in ~~one of claims claim 1 to 7,~~
wherein characterized in that the composition additionally comprises a lubricating agent.

9. (Currently Amended) The glass strand as claimed in claim 8, wherein characterized in that the lubricating agent system is selected chosen from cationic compounds of polyalkyleneimides, the polyalkyleneimide type and nonionic compounds of the esters of fatty acids, and of poly(alkylene glycol), poly(oxyalkylene), and type or of the poly(oxyalkylenated) fatty amides and mixtures thereof of type.

10. (Currently Amended) The glass strand as claimed in ~~one of claims claim 1 to 9,~~
wherein characterized in that the composition additionally comprises a coupling agent selected chosen from silanes, titanates, zirconates and mixtures thereof of these compounds.

11. (Currently Amended) The glass strand as claimed in claim 10, wherein characterized in that the coupling agent comprises an unsaturated silane and an aminosilane.

12. (Currently Amended) The glass strand as claimed in claim 11, wherein characterized in that the unsaturated silane includes at least one acrylic or methacrylic functional group and the aminosilane is selected from bis(γ -trimethoxysilylpropyl)-silane and or-bis(γ -triethoxysilylpropyl)-silane.

13. (Currently Amended) The glass strand as claimed in ~~one of claims claim 1 to 12,~~
wherein said glass strand has characterized in that it exhibits a loss on ignition of less than 2.2%, preferably of greater than 1%.

14. (Currently Amended) The glass strand as claimed in ~~one of claims claim 1 to 13,~~
~~wherein said glass strand characterized in that it is composed of filaments, each having with a~~
diameter varying from 9 to 17 μm .

15. (Currently Amended) The glass strand as claimed in ~~one of claims claim 1 to 14,~~
~~wherein said glass strand has a tex characterized in that it exhibits a count of between 30 and~~
160 tex, preferably 40 and 60 tex.

16. (Currently Amended) The glass strand as claimed in ~~one of claims claim 1 to 15,~~
~~wherein said glass strand has applied thereto~~ characterized in that it additionally comprises an
oversize including an antistatic agent comprising a of the quaternary ammonium salt-type.

17. (Currently Amended) The glass strand as claimed in claim 16, wherein characterized
~~in that the quaternary ammonium salt is cetyltrimethylammonium chloride.~~

18. (Currently Amended) A sizing composition for coating intended to coat glass
strands ~~as claimed in one of claims 1 to 17, characterized in that it comprises comprising:~~
_____ an aqueous blend of;

- _____ 50 to 80% of the total solids of at least one polyester, of
- _____ 10 to 40% of the total solids of at least one polyvinyl acetate, and of
- _____ 8 to 15% of the total solids of at least one polyurethane, and
- _____ 0 to 5% of the total solids of at least one coupling agent.

19. (Currently Amended) The composition as claimed in claim 18, wherein said
coupling agent is present in said sizing composition in an amount characterized in that it
comprises the constituents below in the following contents by weight, expressed as
percentages of the solid materials:

- _____ • _____ 50 to 80% of at least one polyester, preferably 50 to 70%;
- _____ • _____ 10 to 40% of at least one polyvinyl acetate, preferably 20 to 30%;
- _____ • _____ 8 to 15% of at least one polyurethane, preferably 8 to 10%;
- _____ • _____ 0 to 5% of at least one coupling agent, preferably equal to or greater than 1.5%
of the total solids.

20. (Currently Amended) The composition as claimed in claim 18-~~or~~ 19, wherein said composition characterized in that it comprises 5 to 15% by weight of solid materials, preferably 6 to 11%.

21. (Currently Amended) A composite part comprising:
_____ at least one thermosetting polymer material, and
_____ reinforcing glass strands, ~~characterized in that all or part of the strands are composed of strands as claimed in one of claims 1 to 17~~ said glass strands being at least partially coated with a sizing composition including:

- _____ 50 to 80% of the total solids of at least one polyester,
- _____ 10 to 40% of the total solids of at least one polyvinyl acetate, and
- _____ 8 to 15% of the total solids of at least one polyurethane.

22. (Currently Amended) The composite as claimed in claim 21, wherein ~~characterized in that the thermosetting material is selected from a polyester, a vinyl ester, an acrylic polymer, a phenolic resin and/or an epoxy resin.~~

23. (Currently Amended) The composite as claimed in claim 21-~~or~~ 22, wherein said composite characterized in that it comprises 20 to 45% by weight of glass.

24.-25. Canceled